

**WE CLAIM:**

1. An intelligent luggage protection pouch comprising:  
a tear-resistant, flexible wall defining a contained interior space  
a mouth disposed in the wall;  
a reusable temporary seal for releasably closing the mouth;  
a single-use, tamper-resistant seal for securely closing the mouth; and  
means for identification selected from the group consisting of: barcode, personal identification number, serial number, smart card, radio frequency identification card, electronic transmitter, ornamental design or shape, and any combination thereof.
2. The intelligent luggage protection pouch of claim 1, wherein the wall consists essentially of a 3-ply co-extruded polyethylene film.
3. The intelligent luggage protection pouch of claim 1, wherein the temporary seal consists essentially of a low-adhesive polymeric material.
4. The intelligent luggage protection pouch of claim 1, wherein the temporary seal comprises a releasable mechanical closure.
5. The intelligent luggage protection pouch of claim 1, wherein the single-use, tamper-resistant seal consists essentially of a high-adhesive polymeric material.

6. The intelligent luggage protection pouch of claim 1, wherein the mouth is disposed along an edge of the wall, and wherein the temporary seal is disposed closer to the edge than the permanent seal.

7. The intelligent luggage protection pouch of claim 1, wherein the pouch is about 40 inches by about 50 inches

8. The intelligent luggage protection pouch of claim 1, wherein the pouch has a burst strength of about 100 lbs.

9. The intelligent luggage protection pouch of claim 1, further comprising an aperture for a luggage handle.

10. An intelligent luggage protection kit comprising:

a) an intelligent luggage protection pouch comprising:

- i. a tear-resistant, flexible wall defining a contained interior space
  - ii. a mouth disposed in the wall;
  - iii. a reusable temporary seal for releasably closing the mouth;
  - iv. a single-use, tamper-resistant seal for securely closing the mouth;
- and
- v. means for identification selected from the group consisting of:  
barcode, personal identification number, serial number, smart card, radio

frequency identification card, electronic transmitter, ornamental design or shape, and any combination thereof; and

- b) one or more items selected from the group consisting of: additional luggage protection pouches, writing implements, user manuals, RFID card tags, and advertisements.

11. The intelligent luggage protection kit of claim 10, wherein the temporary seal consists essentially of a low-adhesive polymeric material.

12. The intelligent luggage protection pouch of claim 10, wherein the temporary seal comprises a releasable mechanical closure.

13. The intelligent luggage protection kit of claim 10, wherein the permanent seal consists essentially of a high-adhesive polymeric material.

14. The intelligent luggage protection kit of claim 10, wherein the mouth is disposed along an edge of the wall, and wherein the temporary seal is disposed closer to the edge than the permanent seal.

15. The intelligent luggage protection kit of claim 10, wherein the pouch further comprises an aperture for a luggage handle.

16. An intelligent luggage protection pouch comprising:

a tear-resistant, flexible wall defining a contained interior space  
a mouth disposed in the wall;  
a first single-use, tamper-resistant seal for securely closing the mouth;  
a second single-use, tamper-resistant seal for securely closing the mouth; and  
means for identification selected from the group consisting of: barcode, personal identification number, serial number, smart card, radio frequency identification card, electronic transmitter, ornamental design or shape, and any combination thereof.

17. The intelligent luggage protection pouch of claim 16, wherein the wall consists essentially of a 3-ply co-extruded polyethylene film.

18. The intelligent luggage protection pouch of claim 16, wherein the tamper-resistant seals consist essentially of a high-adhesive polymeric material.

19. The intelligent luggage protection pouch of claim 16, wherein the mouth is disposed along an edge of the wall, and wherein the tamper-resistant seals are disposed adjacent to the edge.

20. The intelligent luggage protection pouch of claim 16, wherein the pouch is about 40 inches by about 50 inches

21. The intelligent luggage protection pouch of claim 16, wherein the pouch has a burst strength of about 100 lbs.

22. The intelligent luggage protection pouch of claim 16, further comprising an aperture for a luggage handle.

23. An intelligent luggage protection kit comprising:

a) an intelligent luggage protection pouch comprising:

- i. a tear-resistant, flexible wall defining a contained interior space
- ii. a mouth disposed in the wall;
- iii. a first single-use, tamper-resistant seal for securely closing the mouth;
- iv. a second single-use, tamper-resistant seal for securely closing the mouth; and
- v. means for identification selected from the group consisting of:  
barcode, personal identification number, serial number, smart card, radio frequency identification card, electronic transmitter, ornamental design or shape, and any combination thereof; and

b) one or more items selected from the group consisting of: additional luggage protection pouches, writing implements, user manuals, RFID card tags, and advertisements.

24. The intelligent luggage protection kit of claim 23, wherein the tamper-resistant seals consist essentially of a high-adhesive polymeric material.

25. The intelligent luggage protection kit of claim 23, wherein the pouch further comprises an aperture for a luggage handle.

26. A method of protecting luggage comprising the step of:

- a) providing an intelligent luggage protection pouch comprising:
  - i. a tear-resistant, flexible wall defining a contained interior space
  - ii. a mouth disposed in the wall;
  - iii. a first single-use, tamper-resistant seal for securely closing the mouth;
  - iv. a second single-use, tamper-resistant seal for securely closing the mouth; and
  - v. means for identification selected from the group consisting of:  
barcode, personal identification number, serial number, smart card, radio frequency identification card, electronic transmitter, ornamental design or shape, and any combination thereof.

27. The method of claim 26, further comprising the step of inserting a piece of luggage into the intelligent luggage protection pouch.

28. The method of claim 27, further comprising the step of securely closing the mouth of the intelligent luggage protection pouch with at least one of the tamper-resistant seals.

29. An intelligent luggage protection pouch comprising:  
a tear-resistant, flexible wall defining a contained interior space  
a mouth disposed in the wall;  
a single-use, tamper-resistant seal for securely closing the mouth; and  
means for identification selected from the group consisting of: barcode, personal identification number, serial number, smart card, radio frequency identification card, electronic transmitter, ornamental design or shape, and any combination thereof.

30. The intelligent luggage protection pouch of claim 29, wherein the single-use, tamper-resistant seal consists essentially of a high-adhesive polymeric material.

31. The intelligent luggage protection pouch of claim 29, further comprising a reusable temporary seal for releasably closing the mouth.

32. The intelligent luggage protection pouch of claim 31, wherein the temporary seal consists essentially of a low-adhesive polymeric material.

33. The intelligent luggage protection pouch of claim 31, wherein the temporary seal comprises a releasable mechanical closure.

34. The intelligent luggage protection pouch of claim 31, wherein the mouth is disposed along an edge of the wall, and wherein the reusable temporary seal is disposed closer to the edge than the single-use tamper-resistant seal.

35. The intelligent luggage protection pouch of claim 29, further comprising a second single-use, tamper-resistant seal for securely closing the mouth.

36. The intelligent luggage protection pouch of claim 35, wherein the second single-use, tamper-resistant seal consists essentially of a high-adhesive polymeric material.

37. The intelligent luggage protection pouch of claim 29, wherein the wall consists essentially of a 3-ply co-extruded polyethylene film.

38. The intelligent luggage protection pouch of claim 29, wherein the pouch is about 40 inches by about 50 inches

39. The intelligent luggage protection pouch of claim 29, wherein the pouch has a burst strength of about 100 lbs.

40. The intelligent luggage protection pouch of claim 29, further comprising an aperture for a luggage handle.

41. An intelligent luggage protection kit comprising:

a) an intelligent luggage protection pouch comprising:

i. a tear-resistant, flexible wall defining a contained interior space



- ii. a mouth disposed in the wall;
  - iii. a single-use, tamper-resistant seal for securely closing the mouth;  
and
  - iv. means for identification selected from the group consisting of:  
barcode, personal identification number, serial number, smart card, radio  
frequency identification card, electronic transmitter, ornamental design or  
shape, and any combination thereof; and
- b) one or more items selected from the group consisting of: additional  
luggage protection pouches, writing implements, user manuals, RFID card tags,  
and advertisements.

42. The intelligent luggage protection kit of claim 41, wherein the single-use, tamper-resistant seal consists essentially of a high-adhesive polymeric material.

43. The intelligent luggage protection kit of claim 41, wherein the pouch further comprises a reusable temporary seal for releasably closing the mouth.

44. The intelligent luggage protection kit of claim 43, wherein the temporary seal consists essentially of a low-adhesive polymeric material.

45. The intelligent luggage protection kit of claim 43, wherein the temporary seal comprises a releasable mechanical closure.

46. The intelligent luggage protection kit of claim 41, wherein the pouch further comprises a second single-use, tamper-resistant seal for securely closing the mouth.

47. The intelligent luggage protection kit of claim 46, wherein the second single-use, tamper-resistant seal consists essentially of a high-adhesive polymeric material.

48. The intelligent luggage protection kit of claim 41, wherein the pouch further comprises an aperture for a luggage handle.